



CONTINUING ELIGIBILITY INSPECTION (CEI) REPORT
FOR HURRICANE & SHORE PROTECTION PROJECTS
Honolulu Engineer District
CEPOH-EC-T

Poloa05rpt-spp.doc

1. Project Name: Poloa Shore Protection Project

2. Date of Inspection: March 15, 2005

3. Inspection Personnel:

	<u>Name</u>	<u>Agency/Office</u>	<u>Telephone No.</u>
a.	Dan Meyers	CEPOH-EC-T	438-8875
b.	Jessica Hays	CEPOH-EC-T	438-1680
c.	Lincoln Gayagas	CEPOH-EM	438-1981
d.	Reuben Siatu'u	DPW	633-4141

4. Rating for FY05:

Project Rating: "**S, Satisfactory**"

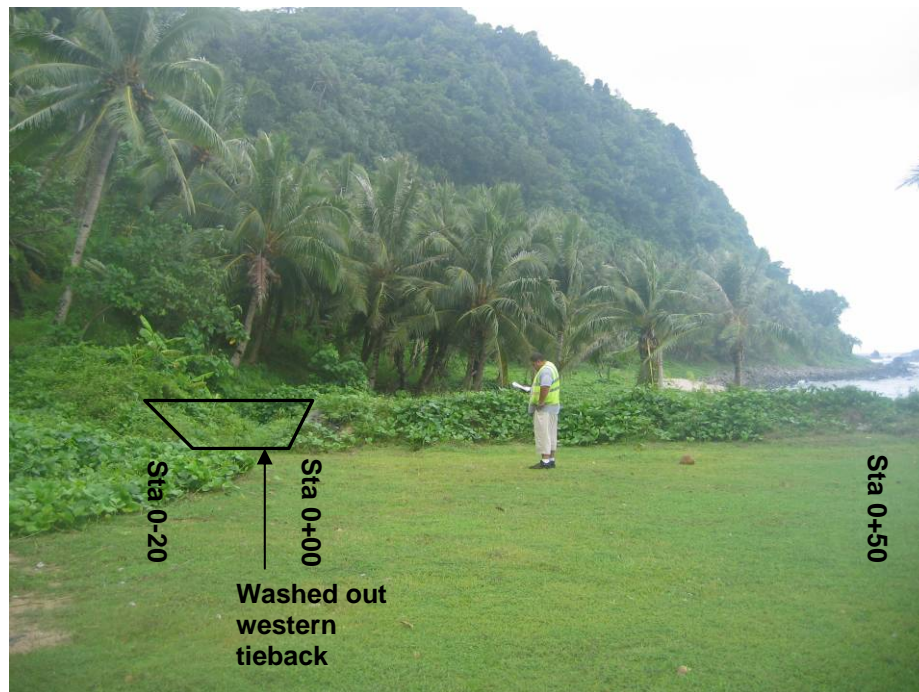
Project Condition Code: "**A, Acceptable**"

Project Status: "**Active**"

5. Discussion:

The damages noted in this report are a result of Tropical Cyclone Heta, which hit the Island of Tutuila, American Samoa on January 4, 2004. A post-storm inspection was conducted on January 8 and 10, 2004. Based on this inspection, the project has been scheduled for repair under PL 84-99. The following is a brief update of the project's general condition. For more detailed information, refer to the January 2004 post-storm report.

The SPP is approximately 490LF. Sta. 0-20 is the beginning of the structure, located near a corrugated culvert pipe at the West-End of the project; the entrance road to the school is at Sta. 4+90. The project was not constructed with the designed 2 layers of 1,000 -6,000 lb. Armor stones as shown on the project index map & the As-Built. Numerous underlayer stones (50-100 lbs. and some armor layer stones were washed up onto the school grounds and in some classrooms and restrooms during the January 2004 cyclone. Approximate number of stones on school grounds was 200 ea. These stones ranged in size from 20 lbs to 500 lbs. 75% < 75 lbs. These stones have since been either removed from the area or scraped toward the interior of the structure crest.



a. Sta 0-20 to 0+50, Remove vegetation at washed out western tieback and on structure with herbicide.



b. Sta. 0-20 to 0+65, Remove vegetation and debris from structure.



c. Sta. 0+65 to 1+00, Note poor contact and dislodged armor stones at toe along this reach, to be reset during repair.



d. Sta. 1+00, facing shore parallel. Much of the crest is at lowered elevation and stones are jumbled or displaced. Remove juvenile trees, vines and debris along revetment crest.



e. Sta. 4+45, Overview from eastern side of revetment. Crest stones primarily intact at this end. Remove vegetation and debris.



f. Sta. 4+45, facing landward. Crest is in fair condition, some stones to be reset to improve interlocking as part of repair. Remove vegetation.



g. Sta. 4+45 to 4+90, Poorly interlocking and dislodged stones on sideslope to be reset during repair.



g. Sta. 4+90, Eastern tieback in fair condition. No repairs to this area included in upcoming repair.



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6. Notes / Recommendations:

This cursory inspection was done as an update to the 2004 post-storm report. The school has been repaired and reopened as of March 2005. It appears that armor stones washed up onto school grounds have been scraped back to landward edge of structure. A repair of the structure is anticipated to be completed by the end of FY05. It is recommended that DPW continue to keep debris and vegetation off of the structure prior to scheduled repair by the Honolulu Engineer District.

Signed: _____
Jessica Hays, CEPOH-EC-T

Signed: _____
Jim Pennaz, P.E., Ch, CEPOH-EC-T

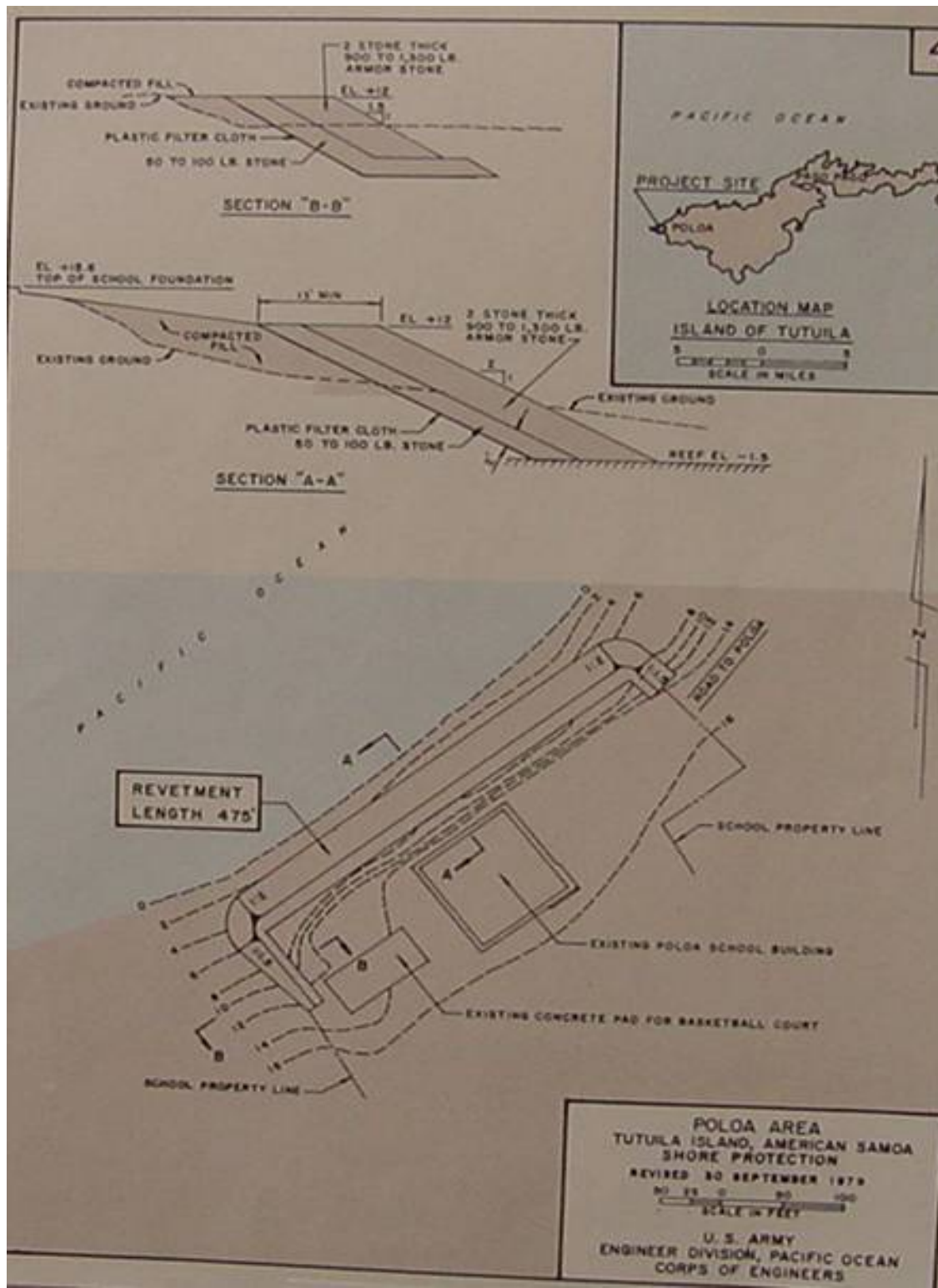
Attached:
Project Index Map

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POLOA AREA, AMERICAN SAMOA

CONDITION OF IMPROVEMENT 30 SEPTEMBER 1993

PREVIOUS PROJECTS: None.

EXISTING PROJECT: Authorized in October 1974 under Section 103a of the River and Harbor Act of 1962, as amended. Provides for 475 feet of rock revetment which extends about 355 feet along the front of the school property and ties into high ground at each end.

PROGRESS OF WORK

Completed and Under Maintenance: The project was completed in October 1977. A contract awarded in August 1991 to repair revetment damaged by Hurricane Ofa in February 1990 was completed in April 1992 under the authority of Public Law 84-99 for \$210,738.

Work Remaining: None.

COST OF CONSTRUCTION:

<u>Completed Works:</u>	<u>New Work</u>	<u>Maintenance</u>	<u>Total</u>
United States Funds	\$101,547	\$148,989	\$250,536
Contributed Funds			
Required	101,547	0	101,547
Other		174,000	174,000
Total Costs	\$203,094	\$322,989	\$526,083

RANGE OF TIDES: The tidal range between mean low water and mean high water is 2.5 feet.